

CASE STUDY: ERROR-PROOF MANUFACTURING FOR LIFE SCIENCES INNOVATOR



About the Customer

A North American pharmaceutical manufacturing leader with production sites around the world, the customer specializes in preclinical and clinical laboratory, gene therapy and cell therapy services for the pharmaceutical, medical device and biotechnology sectors. The customer is committed to delivering innovative products and services that help expedite the discovery, early-stage development and safe manufacture of novel drugs and therapeutics.

Project Summary

The Engineering Group's team of Industries eXcellence specialists in North America helped the customer transform their biotechnology production process and achieve paperless manufacturing through the implementation of a full-scale Manufacturing Execution System (MES) with Electronic Batch Records (EBR) at their flagship U.S. production site.

Project Activities

- » Supported MES software vendor selection process to identify best solution for the customer's unique needs.
- » Chosen as implementation partner for Siemens Opcenter Execution Medical Device and Diagnostics (MDD) solution integrated to ERP system.
- » Led analysis workshops with key stakeholders for business and technical requirement definition of future solution.
- » Delivered full-scale MES solution enabling production resource, process, material and quality compliance data management and monitoring in real time.

Business Drivers

- » Improve throughput and time-to-market
- » Accelerate quality assurance processes
- » Eliminate inefficient paper-based processes
- » Increase automation of production in the future
- » Gain real-time visibility across production process

More About the Project

As a provider of leading-edge solutions, the customer recognized the potential for huge time, cost and quality savings in their manufacturing process through the implementation of digital solutions for Manufacturing Operations Management (MOM). Although they knew what they wanted from the solution, the customer did not know what software product would best meet their business requirements. As a well-known expert in the delivery of digital manufacturing services and Industry 4.0 technologies in North America, Engineering Industries eXcellence was brought in to advise the customer on best practices when selecting software for operational optimization.

After collaborating closely with key stakeholders across the organization, our specialists helped the customer define a set of technical and business requirements that the future MES solution would have to meet in order to be considered successful. Among these requirements were that the MES product selected would enable ease-of-use for operators, its capabilities could be scaled across sites in the future and the solution would guarantee a return on investment.

We provided consulting services throughout this process in order to help the customer identify Siemens Opcenter Execution MDD as the right technology in terms of functionality and flexibility. Additionally, our specialists were selected as the top Siemens MES implementation partner to develop and deliver the new solution and integrate it with the customer's existing SAP ERP system.

Engineering's Advantage

As a longstanding partner of Siemens Digital Industries specializing in their MES portfolio, as well as an established system integrator in the Industry 4.0 space, Engineering Industries eXcellence was the right strategic partner to help this pharmaceutical innovator digitalize their manufacturing operations, ensure quality and patient safety and take their business to new levels of efficiency. We continue to support the customer on their digital transformation journey, delivering new system integrations and solution improvements based on feedback.

Would you like to learn more about this customer case study? Contact us at info@indx.com.

ENGINEERING GROUP

Industries eXcellence

Industries eXcellence is a division of the Engineering Group, a global software maker, system integrator and provider of innovative technology solutions and services. Our division specializes in the digital transformation of the manufacturing and transportation sectors. We design, build and implement solutions that drive process automation, operational efficiency, supply chain optimization and intelligent data analytics for leading industrial enterprises worldwide.

CONTACT



Engineering Industries eXcellence
55 W Monroe Street
Suite 2575
Chicago, IL 60603



+1 630.625.0045



info@indx.com

www.indx.com